

ASSISTANT COMMISSIONER FOR PATENTS  
BOX PATENT APPLICATION  
Washington, D.C. 20231

DOCK NO. JP920000365US1  
Date February 16, 2001

02/16/01  
99-78577  
U.S. PRO  
MCS99

under Rule 1.53(b)  
smitted herewith for filing is the Patent Application/of:

Authors: Apurva Kumar, Rajeev Shorey

For: REDUCTION OF DEVICE DISCOVERY DELAYS IN FREQUENCY HOPPING-BASED  
AD-HOC NETWORKS

**ASSIGNEE NAME:** International Business Machines Corporation

**ASSIGNEE RESIDENCE:** Armonk, New York

Enclosed are:

X 11 Sheets of Formal Drawings.

— An assignment of the invention to International Business Machines Corporation, Armonk, New York 10504.

A certified copy of a \_\_\_\_\_ application, dated \_\_\_\_\_  
no. \_\_\_\_\_.

Executed Declaration and Power of Attorney is attached to the application.

~~Associate Power of Attorney.~~

Information Disclosure Statement with form PTO-1449 with references attached.

The filing fee has been calculated as shown below:

	(Col. 1)	(Col. 2)
FOR:	NO. FILED	NO. EXTRA
BASIC FEE	[REDACTED]	[REDACTED]
TOTAL CLAIMS	21 - 20 =	1
INDEP CLAIMS	3 - 3 =	0

MULTIPLE DEPENDENT CLAIM PRESENTED

If the difference in Col. 1 is less than zero, enter "0" in Col. 2.

OTHER THAN A SMALL ENTITY	
RATE	Fee
\$ 710.00	
\$ 18.00	
\$ 0.00	
\$ 0.00	
TOTAL	\$ 728.00

x Please charge my Deposit Account No. 09-0468 in the amount  
of \$ 728.00.

x The Commissioner is hereby authorized to charge payment of the following fees associated with this communication or credit any overpayment to Deposit Account No. 09-0468. A duplicate copy of this sheet is enclosed.

Any additional filing fees required under 37 CFR 1.16.

Any patent application processing fees under 35 CFR 1.17.

Respectfully submitted,

By *[Signature]* *[Signature]*  
Manny Schacter  
Registration No.: 31,722  
Tel. (914) 945-3252

IBM CORPORATION  
INTELLECTUAL PROPERTY LAW DEPT.  
P.O. BOX 218  
YORKTOWN HEIGHTS, NY 10598